

Title (en)  
Decoupling device under tensile force

Title (de)  
Vorrichtung zum Loskoppeln unter Zugkraft

Title (fr)  
Dispositif découpleur en traction

Publication  
**EP 1403468 B1 20050720 (FR)**

Application  
**EP 03103540 A 20030924**

Priority  
FR 0211894 A 20020926

Abstract (en)  
[origin: EP1403468A1] The decoupling device connecting two parts (14,15) of a structure comprises first parallel fusible rupture parts and second parallel structural rupture parts (72). The rupture parts are planned to rupture when the load applied to the decoupling device attains or exceeds a predetermined load value. The structural rupture parts are planned to resist fatigue whilst the applied load does not reach the predetermined load value.

IPC 1-7  
**F01D 21/04**; **F16B 31/02**

IPC 8 full level  
**F16B 1/00** (2006.01); **F01D 21/04** (2006.01); **F01D 25/16** (2006.01); **F16B 31/02** (2006.01); **F16P 5/00** (2006.01)

CPC (source: EP US)  
**F01D 21/045** (2013.01 - EP US); **F01D 25/16** (2013.01 - EP US); **F16B 31/021** (2013.01 - EP US); **F16P 5/005** (2013.01 - EP US);  
**F16B 2200/63** (2023.08 - EP US)

Cited by  
CN113123881A; EP2071141A1; FR2925123A1; FR2976623A1; US11168582B2; US9512847B2; WO2012175864A1

Designated contracting state (EPC)  
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